

Work Order ID 154862

Tuesday, January 03, 2017 1:05:45 PM

154862

Page 1

Item ID: D2071-5

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Cable

Start Date: 1/5/2017 Start Qty: 2.00

2

Cust Item ID:

Required Date: 1/17/2017 Req'd Qty: 2.00

2

Customer:

Reference:

Approvals: Process Plan: **DAS 21 9-89** Date: JAN 03 2017

Tooling:

Date:

Run Start ***NR1***

QC: Date: SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2071	G

100

0.00

100

PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O:

Purchase Part Number: 09-9400-74

ENSURE D2071-5 IS ENTERED AS P/N ALSO

Possible Supplier: WESCON

Material release note is required

10

JAN 06 2017

DAS 13 9-89

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.01

Packaging

Ensure Material Release Note is attached

10

JAN 31 2017

DAS 6 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER :							

Picklist Print

Tuesday, January 03, 2017 1:05:50 PM

Page 1

Work Order ID: 154862

154862

Parent Item: D2071-5

D2071-5

Parent Item Name: Cable

Start Date: 1/5/2017

Required Date: 1/17/2017

Start Qty: 2.00

Required Qty: 2.00

Comments:

New issue 12.03.30 LL

IPP REV:B

12.04.04 AS PER DWG REV.G DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
09-9400-74		Purchased	No			110	Each	0.0000	1	2			
09-9400-74									**				
Cable													

JAN 31 2017 10:06 AM

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

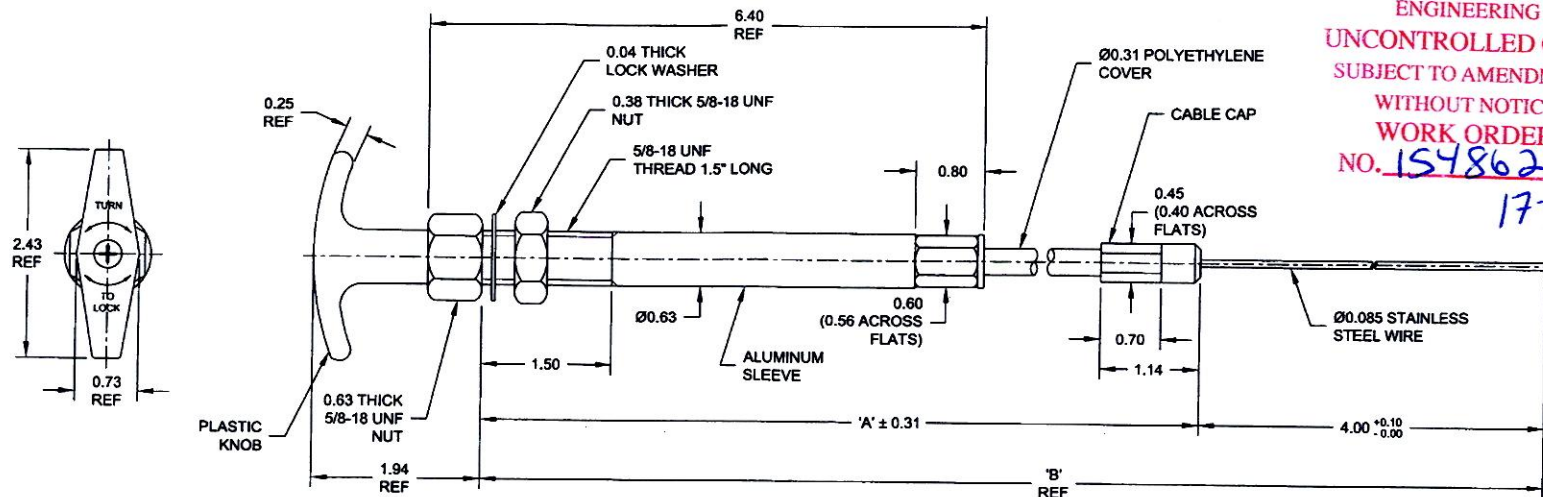
QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube ☐</td> <td style="width:15%;">Cross tube ☐</td> <td style="width:15%;">Water Jet ☐</td> <td style="width:15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																																																																						
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																																																																						
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																																																																						
Large Fab ☐	Composite ☐	Supplier ☐																																																																							
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																																																																		
Description Work Order Deviation				Disposition				Completed By																																																																	
140 0 13																																																																									
								Lead hand / Supervisor Approval Verification																																																																	
								QC / QA Coordinator Approval																																																																	
Root Cause				FAULT CATEGORY																																																																					
<table style="width:100%; border: none;"> <tr><td>Environment ☐</td><td>No Re-verification ☐</td></tr> <tr><td>Design ☐</td><td>Operator ☐</td></tr> <tr><td>Doc/Data ☐</td><td>Offset/Setup ☐</td></tr> <tr><td>Equip/Tooling ☐</td><td>Supplier ☐</td></tr> <tr><td>Handling/Pre ☐</td><td>Training ☐</td></tr> <tr><td>Material ☐</td><td>Use for Testing ☐</td></tr> <tr><td>Internal Transport ☐</td><td>Poor Information ☐</td></tr> <tr><td>Tribal Knowledge ☐</td><td>Rushing ☐</td></tr> <tr><td>LOA ☐</td><td>Product Improvement ☐</td></tr> <tr><td>Substation ☐</td><td>Process Improvement ☐</td></tr> <tr><td>Past Expiry Date ☐</td><td>Manufacturing Process ☐</td></tr> <tr><td>Misidentified ☐</td><td>Past Due ☐</td></tr> </table>				Environment ☐	No Re-verification ☐	Design ☐	Operator ☐	Doc/Data ☐	Offset/Setup ☐	Equip/Tooling ☐	Supplier ☐	Handling/Pre ☐	Training ☐	Material ☐	Use for Testing ☐	Internal Transport ☐	Poor Information ☐	Tribal Knowledge ☐	Rushing ☐	LOA ☐	Product Improvement ☐	Substation ☐	Process Improvement ☐	Past Expiry Date ☐	Manufacturing Process ☐	Misidentified ☐	Past Due ☐	<table style="width:100%; border: none;"> <tr><td>Pressure/Forced ☐</td><td>Temperature/Cure ☐</td><td>Power Loss/Surge ☐</td><td>Positioned Wrong ☐</td></tr> <tr><td>Bending ☐</td><td>Set-up ☐</td><td>Folio/Program ☐</td><td>Outside Dimensions ☐</td></tr> <tr><td>Centre Not Concentric ☐</td><td>BOM/Route ☐</td><td>Grain ☐</td><td>Over/Under tolerance ☐</td></tr> <tr><td>Cracks ☐</td><td>Broken/Damage/Defect ☐</td><td>Weld ☐</td><td>Part Incorrect ☐</td></tr> <tr><td>Crimp/Kink/Ripple/Wave ☐</td><td>Inspection Incomplete/Unqualified ☐</td><td>Wrong Stock Pulled ☐</td><td>Part Lost/Missing ☐</td></tr> <tr><td>Cuffs ☐</td><td>Contamination ☐</td><td>Out of Sequence ☐</td><td>Part Moved ☐</td></tr> <tr><td>Crushing ☐</td><td>Countersink ☐</td><td>Off-set ☐</td><td>Drawing ☐</td></tr> <tr><td>Heat Treat ☐</td><td>Cut Too Short ☐</td><td>Mislabeled ☐</td><td>Finish ☐</td></tr> <tr><td>Wave/Twist in Tube ☐</td><td>Instructions Incomplete/Unclear ☐</td><td>Fit/Function ☐</td><td>Misread ☐</td></tr> <tr><td>Marks/Chatter ☐</td><td>Drill Holes ☐</td><td>Misaligned/off center ☐</td><td>Turning Sequence ☐</td></tr> </table>						Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Environment ☐	No Re-verification ☐																																																																								
Design ☐	Operator ☐																																																																								
Doc/Data ☐	Offset/Setup ☐																																																																								
Equip/Tooling ☐	Supplier ☐																																																																								
Handling/Pre ☐	Training ☐																																																																								
Material ☐	Use for Testing ☐																																																																								
Internal Transport ☐	Poor Information ☐																																																																								
Tribal Knowledge ☐	Rushing ☐																																																																								
LOA ☐	Product Improvement ☐																																																																								
Substation ☐	Process Improvement ☐																																																																								
Past Expiry Date ☐	Manufacturing Process ☐																																																																								
Misidentified ☐	Past Due ☐																																																																								
Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐																																																																						
Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐																																																																						
Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐																																																																						
Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐																																																																						
Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐																																																																						
Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐																																																																						
Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐																																																																						
Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐																																																																						
Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐																																																																						
Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐																																																																						
				OTHER : ☐																																																																					

SPECIFICATION CONTROL DRAWING

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 154862 MJS
17-0103



PUSH-PULL CONTROL, TURN TO LOCK, CABLE

DART P/N	LENGTH 'A'	LENGTH 'B' (LENGTH 'A' + 4.00)	SUPPLIER	SUPPLIER P/N	WEIGHT (lbs)
D2071	32.00	36	WESCON	09-9400-69	0.63
D2071-3	38.00	42		09-9400-68	0.68
D2071-5	36.00	40.00		09-9400-74	0.65

G

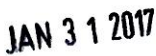
NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: PER QSL044 6.1 (FINE POINT-MARKER).
- 7) WEIGHT: PER TABLE

G	ADDED -5 (REF PAR 12-163)	AJS	12.03.26
F	UPDATED WESCON P/N'S. PREVIOUS WERE QUOTE P/N'S	MB	11.02.03
E	CHG TO WESCON P/N MB10-334-02/03. NCR10-383.	MB	11.01.17
D	UPDATED TO CURRENT DRAWING STANDARDS; ADDED P/N D2071-3 (ZN B6-1). REASON: LONGER CABLE REQUIRED FOR MIRRORS INSTALLED ON B407	MB	08.12.04
C	RE-DRAWN	CB	06.10.18
B	CHANGE TO DANCO P/N 56V03-36	-	06.03.10
A	ADD CABLE CRAFT P/N 59V00-3-36	-	97.05.08
REV.	DESCRIPTION	BY	DATE
DESIGN	CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AJS		
CHECKED		DRAWING NO.	REV. G
MFG. APPR.		D2071	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		CABLE	NTS
DATE	12.03.26	COPYRIGHT © 1997 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL. WHO IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

WESCON CONTROLS LLC 2533 S West Street Box 7710 Wichita, KS 67217 USA Phone 316-942-7266 Registered ISO 9001		SR: 103243 - 0 SHIP DATE: 01/27/17
---	---	---

SHIP TO	COMPANY: DART AEROSPACE ADDRESS 1: 1270 ABERDEEN STREET ADDRESS 2: HAWKESBURY ADDRESS 3: ON, K6A 1K7 - CANADA ATTN OF: CHANTAL LAVOLE	CUSTOMER NO: 43214 TERRITORY NO: 92-12 COORDINATOR: D. Howell PO NO: PO34848 SHIP VIA: FED EX ECONOMY CUST BILL ACCT: 15179324-0 PKG/WGT: 8 F.O.B.: WICHITA, KS
---------	--	--

LN	QTY	SHP	PART	DESCRIPTION	
1	0	0		**** NEED C of C WITH SHIPMENT****	
2	10	10	D2071-5	PUSH-PULL CONTROL - TURN TO LOCK 30 SERIES, 3" TRAVEL - MTD PRODUCTION DRAWING 09-9400-74 REV 1  	
			Country of Origin For The Goods Listed: UNITED STATES OF AMERICA		

WESCON CONTROLS
2533 West Street South
Wichita, KS 67217
(316) 942-7266

CERTIFICATE OF CONFORMANCE

Customer: **DART AEROSPACE**
Customer Part Number: D2071-5
Customer Revision: G
Wescon Part Number: 09-9400-74
Wescon Revision: 1
Item Description: Turn To Lock Control Assy.
Quantity: 10
Ship Date: _____
Purchase Order Number: PO34848
Lot Number: SR: 103243-0

I certify that the items listed above have been inspected and tested, and conform to all specifications and requirements detailed in the contract or purchase order, and that inspection and test records are available on file.

Supplier Signature: _____

Title:

Inspector

Date:

1/26/2017



Revised: 10/1/2012

WESCON CONTROLS LLC
2533 S. WEST ST.
WICHITA KS 67217
(316) 942-7266

Invoice 4338643-0
Page 1 of 1
Date 1/26/2017
Salesperson Invoice

Tax ID:46-0808728

Tax ID:

Currency:

43214
B Dale
I DART AEROSPACE
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
O

S
H
I
P
T
O

Fax: 760-758-9612

Order	PO	Packages	PPD	Weight	Ship Via	Terms
C000103243						NET 30 DAYS

10 EA PART # D2071-5 \$25.00/EACH

SAMPLE REQUEST# 103243
SHIPPED: 1/27/17
VIA: FED EX ECONOMY
PO: PO34848

Country of Origin
For The Goods Listed:
UNITED STATES OF AMERICA

**PAYABLE
IN U.S. FUNDS**

A REGISTERED ISO 9001 COMPANY
REMIT TO: P.O. BOX 677725 DALLAS, TX. 75267-7725

Sales Amount	250.00
Misc Charges	0.00
Freight	0.00
Sales Tax	0.00
	0.00
Prepaid Amount	0.00
Total	250.00